



**TENDER FOR "SUPPLY, INSTALLATION AND AMC OF BOILER"  
AT INDIAN MARITIME UNIVERSITY, MUMBAI PORT CAMPUS  
TENDER No: IMU-MPC/PUR/2020-21/Boiler/13**

**Issue Date: 08<sup>rd</sup> April, 2021**

**CORRIGENDUM**

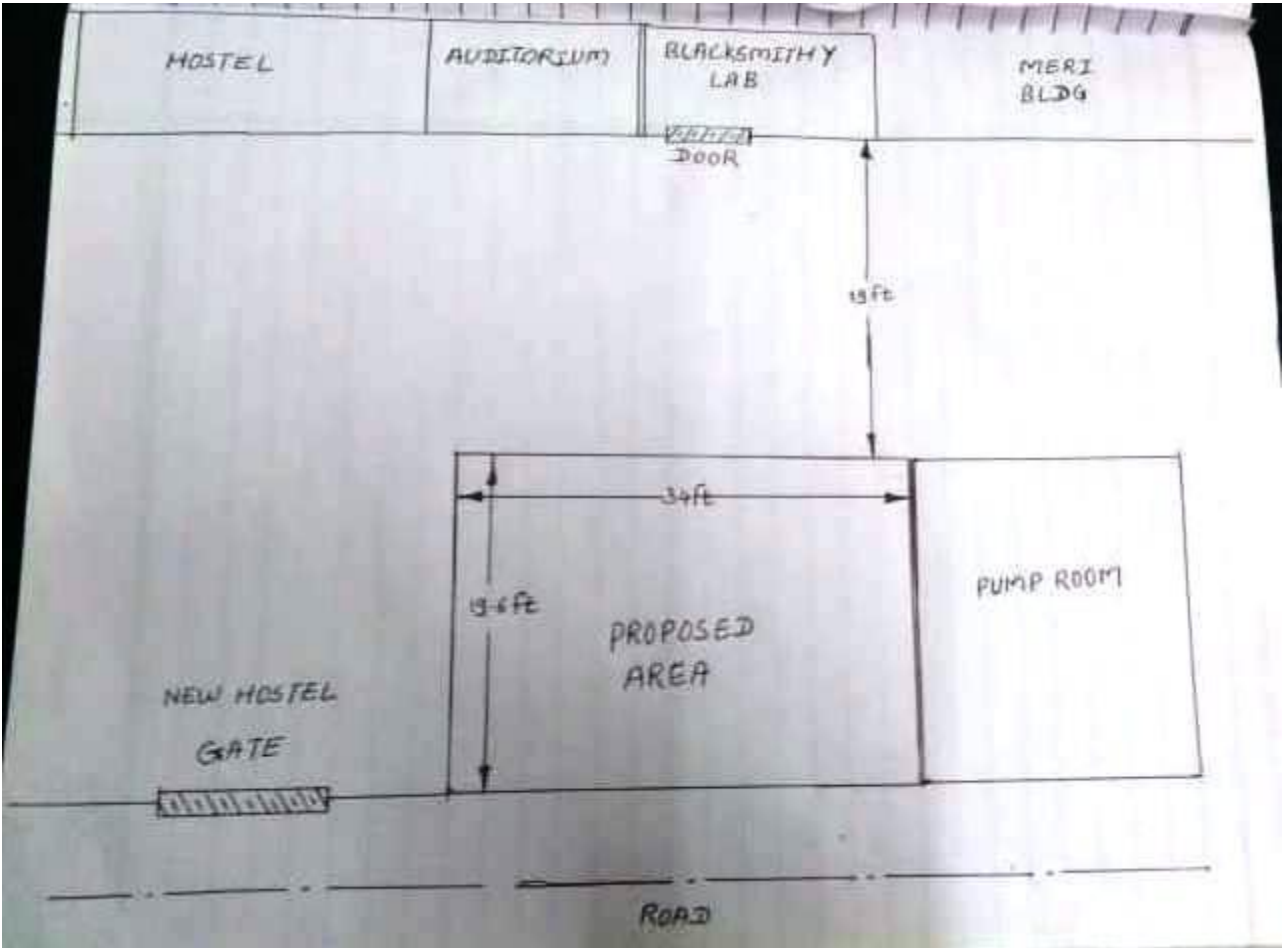
Following corrigendum is issued with respect to the "SUPPLY, INSTALLATION AND AMC OF BOILER" tender:

| <b>Page No. and Para No.</b>             | <b>Existing Clause</b>                                                                                                                                                                                                                                                                                                                 | <b>Clarification/ New Clause</b>                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Page No.11,<br>Point No.14<br>(14.1)     | Comprehensive maintenance for <b>Five years</b> is to commence immediately after the expiry of the comprehensive Three years warranty period for items mentioned in "Annexure - I".                                                                                                                                                    | Comprehensive maintenance for <b>Five years</b> is to commence immediately after the expiry of the comprehensive <b>Five years</b> warranty period for items mentioned in "Annexure - I".                                                                                                                                                                 |
| Page No.8,<br>Point No. 12.3<br>(12.3.1) | The supplier is required to supply the items within 30 days of the issuance of the work order and do the site preparation, installation and demonstration of the equipment within 60 days of the arrival of materials at the IMU's site of installation; otherwise the penalty clause will be the same as per the supply of materials. | The supplier is required to supply the items within <b>75 days</b> of the issuance of the work order and do the site preparation, installation and demonstration of the equipment within <b>45 days</b> days of the arrival of materials at the IMU's site of installation; otherwise the penalty clause will be the same as per the supply of materials. |
| Page No. 12<br>Annexure - I              | <b>Revised Annexure - I including Proposed plan attached with this corrigendum</b>                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                           |
| Page No.16<br>Price Bid                  | <b>Revised Price Bid attached with this Corrigendum</b>                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                           |

**REVISED TECHNICAL SPECIFICATION AND COMPLIANCE MATRIX**

| Sl. No. | Name of the Equipment/ Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Qty     | Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Compliance to Specification YES/NO |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 1.      | <p align="center"><b>Small Industrial Boiler and its systems.</b></p> <p>1) Steam Boiler with IBR certification<br/>           2) Exhaust Chimney<br/>           3) Boiler super heater<br/>           4) Steam turbine with electrical dynamometer.<br/>           5) Fuel oil system including tank, pipelines, pumps.<br/>           6) Fresh water/steam system including fresh water tank, pipelines, pumps, Condenser<br/>           7) Central Console for plant operation<br/>           8) Civil Work for setting entire boiler plant mentioned in point 1 to 7,</p> <p>Civil work include construction of water proof shade, with brick walls, strong puffed sheet as roof , suitable ventilation , room locking arrangement and inspection platform along the boiler plant.</p> | 01 Unit | <ul style="list-style-type: none"> <li>• Steam Boiler system: 6-7 bar steam pressure, 500kg/hr steam generation, Oil (Diesel) fired, Smoke tube, IBR certified boiler</li> <li>• Exhaust Chimney: length ,diameter Design as appropriate and suitability of the plant requirement.</li> <li>• Boiler super heater: Steam Superheater, temp raise above saturation level temp to 50 degree more but not less than 225 degree Celsius at 5 bar operation</li> <li>• Steam Turbine: 5 hp , with steam saturation level indicator, steam flow meter level, associated pressure and temp gauges</li> <li>• Fuel Oil System- Diesel oil- Closed Fuel tank, capacity not less than 500 ltr, level indicator, with quick closing valve arrangement. Tank and Fuel Piping material of Industrial and IBR standard</li> <li>• Fresh water system<br/>Fresh Water tank- 1m3, with level indicator. Appropriate capacity of Water softener in line with Fresh water tank filling</li> <li>• Condenser- vacuum type with air extractor.<br/>Material of Tank, steam and fresh pipe lines, condenser to be of Industrial and IBR standard.</li> <li>• Central Console: Modern standard with feedback of all the parameter of the running plant for eg. but not limited to Boiler water level, steam pressure after boiler, steam in and out pressure steam turbine etc.</li> </ul> |                                    |
| 2.      | <p>Safety features: Auto cut off safety system for- high steam pressure, low-low water level cut off, flame failure, draft failure.<br/>           2 sets of safety valve, remote activation of safety valve and 2 sets of gauge glass<br/>           Audio-video indication and alarm for low water lever, low steam pressure, high steam pressure etc.<br/>           All paint used for covering boiler system to be Fire retardant type</p>                                                                                                                                                                                                                                                                                                                                            |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                    |

**Proposed Plan:**



## REVISED PRICE BID

*[On the Letter head of the Bidder and to be put in sealed cover]*

### REPAIRS, SERVICING, UPGRADATION AND AMC OF AIR COMPRESSORS

(Amount in Rs.)

| Sl. No. | Name of the Equipment                                                              | Qty.    | Price of the equipment | Rate for 4 years Extended Warrantee after 1 year Warrantee                                                                                                           | AMC Charges for 1 <sup>st</sup> year after Warrantee | AMC Charges for 2 <sup>nd</sup> year after Warrantee | AMC Charges for 3 <sup>rd</sup> year after Warrantee | AMC Charges for 4 <sup>th</sup> year after Warrantee | AMC Charges for 5 <sup>th</sup> year after Warrantee | Total                   |
|---------|------------------------------------------------------------------------------------|---------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|-------------------------|
|         |                                                                                    | 2       | 3                      | 4                                                                                                                                                                    | 5                                                    | 6                                                    | 7                                                    | 8                                                    | 9                                                    | 10 =<br>(3+4+5+6+7+8+9) |
| 1       | Small Industrial Boiler and its systems.<br>(As per specification in Annexure - I) | 01 Unit |                        |                                                                                                                                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                         |
|         | <b>Total:</b>                                                                      |         |                        |                                                                                                                                                                      |                                                      |                                                      |                                                      |                                                      |                                                      |                         |
|         |                                                                                    |         |                        | The rates quoted above should be only the unit price (i.e. inclusive of basic price, transportation and any other charges) and exclusive of GST and any cess on GST. |                                                      |                                                      |                                                      |                                                      |                                                      |                         |

**Date:**

**Stamp & Signature of Bidder**

**Place:**